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imparting directional instructions to said driver in responsive to processing of said items of information.

IN THE DRAWINGS:

Amend Figures 1 and 4; as marked in red, as attached.

REMARKS

Careful consideration has been given by the applicants to the Examiner's comments and rejection of the application as set forth in the outstanding Office Action, and favorable reconsideration and allowance of the application, as amended, is earnestly solicited.

Responsive to the Examiner's request for a further copy of the specification, claims and abstract, in view of the hole punching thereof, applicants herewith enclose a further courtesy copy for the Examiner as requested.

Concerning the Examiner's objections to the drawings in that Claim 6 is not supported inasmuch as the inventive feature comprising component 14 is not shown in the side window of a vehicle rather than the windshield, applicants respectfully submit that this is clearly described in the specification as being an alternative to the preferred embodiment of either the windshield or the eyeglass constructions.

However, without in any manner introducing new subject matter, applicants herewith enclose an amended Figure 1 showing the side window adjoining the windshield and having the optical navigation system 14 shown therein as an alternative to the system shown and described

with regard to the windshield. Accordingly, applicants respectfully request that the drawing correction be approved, and upon allowance of the application appropriately amended formal drawings will be submitted by the applicants.

Concerning the foregoing, with regard to the drawings, applicants also propose a minor correction in respectively Figures 1 and 4, and in which the reference numerals have been inadvertently incorrectly presented.

Reverting to the Examiner's rejection of the claims, applicants note that the primary reference which has been applied under 35 U.S.C. 102(e) to various of the claims as represented by Zamojdo et al. U.S. Patent No. 5,272,431, as extensively detailed in the Office Action, and wherein the primary reference was also cited in combination with Schoolman U.S. Patent No. 5,281,957 under 35 U.S.C. 103(a), or also further in view of Breed et al. U.S. Patent No. 6,405,132 and in view of Walker et al. U.S. Patent No. 6,199,014, as extensively detailed in the Office Action.

Accordingly, upon careful review of the art, although when collectively viewed, these would present various of the features of the invention as set forth and claimed herein, none of these per se disclose the essential combination of features of applicants' invention as detailed and set forth in the claims.

Although Zamodjo et al. discloses a map and an automotive vehicle as reflected on a windshield, providing a virtual image above the line of sight of a driver of the vehicle, there is no disclosure of the unique three-dimensional pointer system which operates in conjunction with the global positioning system (GPS) so as to impart information to a driver regarding objects observed on at least one viewing surface and as indicated by the driver by pointing to the objects with the pointing structure.

The structure and arrangement described in Zamodjo is generally broadly nothing more than the transference of the maps which are usually shown on a small scale display unit in front of a driver so as to be reflected on a larger scale above the line of vision of a windshield.

Similarly, with regard to Schoolman, the latter only discloses a portable computer and head mounted display, of the type which is generally known in the art and which is described in the introductory portion of the type as being well known and employed in various field of the technology.

There is no discussion nor any suggestion of utilizing the system in the eyeglasses of Schoolman in conjunction with a global positioning system to assist a driver in a manner as described and claimed by the present applicants.

With regard to Breed et al. U.S. Patent No. 6,405,132 the global positioning system is merely for the purpose of aiding vehicles to remain in a driving lane and also to provide warning of a impending collision with or excessively close proximity to another vehicle while traveling along a road or highway. There is no disclosure of utilizing the global positioning system in conjunction with the novel vehicular navigation system which is either arranged on a surface such as the windshield or side window or in eyeglasses and employed to aid drivers in a manner as uniquely described and claimed herein.

With regard to Walker et al. U.S. Patent No. 6,199,014, this merely provides navigational instructions and also fails to provide for the combination of integers as represented by the present applicants in the claims pending herein. However, in order to more clearly emphasize the patentable distinctions over the art, irrespective as to whether the latter is considered singly or in combination, applicants have herewith cancelled Claims 2, 3, 11, 20, 21 and 29 without prejudice or disclaimer, and amended the remaining claims as appropriate by; in effect,

combining Claim 1 with previous Claims 2, 3 and 11; whereas independent Claim 19 has been combined with previous Claims 20, 21 and 29, and with the remaining claims being either directly or indirectly dependent therefrom.

In essence, both as to the navigational system and the method of employing the system this now clearly sets forth the optical arrangement in the use of the transparent viewing surface in conjunction with the global positioning system and the pointer which is controlled by the driver of the vehicle or wearer of the optical system, such as an eyeglass construction, so as to guide the driver in a manner not at all disclosed nor suggested in any of the individual references per se.

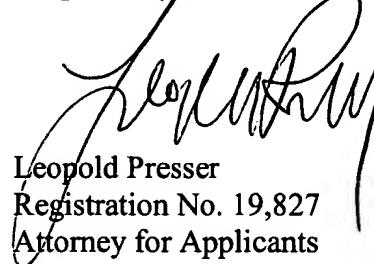
It remained for the present applicants to inventively combine the various features, in addition to further novel structure and method steps, to obtain the unique vehicular navigation system which is not at all disclosed in the art.

In view of the foregoing comments and amendments which are deemed to be fully responsive to the Examiner's rejection of the claims, and on the basis of the proposed amendments to the drawings, the application is deemed to be in condition for allowance, and the early issuance of the Notice of Allowance is earnestly solicited.

However, in the event that the Examiner has any queries concerning the instantly submitted amendment, applicants' attorney respectfully requests that he be accorded the courtesy of possibly a telephone conference to discuss any matters in need of attention.

Finally, in compliance with the requirements, applicants also enclose a "Version with
Markings Showing Changes Made" to facilitate the Examiner's review of the amendments.

Respectfully submitted,



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Enclosures: Marked-up Figures 1 and 4 of the drawings
Courtesy copy of application

VERSION WITH MARKINGS SHOWING CHANGES MADE

The claims have been amended as follows:

Claims 2, 3, 11, 20, 21 and 29; have been cancelled.

Claims 1, 4, 12, 13, 19, 22, 30 and 31 have been amended as follows:

--1. (Amended) A navigational system for a vehicle comprising an optical arrangement installed on at least one transparent viewing surface for a driver of the vehicle, said optical arrangement representing images displayed on said at least one viewing surface producing guiding images for imparting directions to the driver; said images comprise graphical representations pointing towards objects observed by the driver; said graphical representations comprising an image of at least one arrow display on said at least one viewing surface pointing towards a selected object for guiding the driver in a specified direction of travel; said system being in operative communications with a global positioning systems (GPS) so as to impart information to the driver regarding objects observed on said at least one viewing surface and as indicated by the driver by pointing to the objects with pointing means.

4. (Amended) A navigational system as claimed in Claim [3] 1, wherein said at least [on] one arrow is projected on said at least one viewing surface so as to be perceived in a 3-dimentional spatial image.

12. (Amended) A navigational system as claimed in Claim [11] 1, wherein said pointing means comprise said at least one arrow.

13. (Amended) A navigational system as claimed in Claim [11]1, wherein a computer is operatively connected to said system for operating said at least one arrow; means for inputting information to said computer by said driver; said computer including means for analyzing said information displayed on said at least one viewing surface while communicating with said global positioning system, and imparting directional instructions to said driver in responsive to processing of said items of information.

19. (Amended) A method for the navigation of a vehicle comprising installing an optical arrangement on at least one transparent viewing surface for a driver of the vehicle, said optical arrangement representing images displayed on said at least one viewing surface producing guiding images for imparting directions to the driver; said images comprising graphical representations pointing towards objects observed by the driver; said graphical representations comprising an image of at least one arrow display on said at least one viewing surface pointing towards a selected object for guiding the driver in a specified direction of travel; said system being in operative communications with a global positioning system (GPS) so as to impart information to the driver regarding objects observed on said at least one viewing surface and as indicated by the driver by pointing to the objects with pointing means.

22. (Amended) A navigation method as claimed in Claim [21] 19, wherein said at least [on] one arrow is projected on said at least one viewing surface so as to be perceived in a 3-dimentional spatial image.

30. (Amended) A navigation method as claimed in Claim [29] 19, wherein said pointing means comprise said at least one arrow.

31. (Amended) A navigational system as claimed in Claim [29] 19, wherein a computer is operatively connected to said system for operating said at least one arrow; inputting information to said computer by said driver; said computer analyzing said information displayed on said at least one viewing surface while communicating with said global positioning system, and imparting directional instructions to said driver in responsive to processing of said items of information.

IN THE DRAWINGS:

Figures 1 and 4; have been amended as marked in red ink.